

AMENDMENT

In the Specification:

At page 1 between the title and the first sentence please cancel the insertion proposed in the preliminary amendment stating

“Cross Reference to Related Application

This is a continuation of U.S. application Serial No. 07/971,857, filed January 8, 1993 (allowed) which in turn is the U.S. national phase of PCT/GB91/01134 filed 10 July 1991.” and insert therefor:

title and the first sentence please insert

~~201 sub 01~~ --Cross Reference to Related Application

~~This is a continuation of U.S. application Serial No. 07/971,857, filed January 8, 1993 (issued as U.S. Patent 5,969,108 on October 19, 1999) which in turn is the U.S. national phase of PCT/GB91/01134 filed 10 July 1991.--~~

At page 81, line 6 please delete “biding” and insert therefor --binding--.

At page 94, line 4 please delete “gene-clean II kit” please insert therefor ~~202~~ --GENECLEAN II

~~kit for DNA purification--.~~

At page 94, line 21 please delete “sequenase version 2.0 kit” and insert therefor --

SEQUENASE version 2.0 kit--.

At page 98, line 1 after “Sigma” please insert --Chemicals--.

At page 99, line 16, please delete “Microtest” and insert therefor --MICROTEST--.

At page 100, line 17 please delete “Titertek” and insert therefor --TITERTEK--.

At page 100, line 17 after “multiskan plate reader” please insert --(GenTech, Arcade, NY)--.

At page 103, line 14 after “Sigma” please insert --Chemicals--.

At page 106, line 23 please delete “Geneclean” and insert therefor --GENECLEAN--.

At page 109, line 3 please delete “lysozyme-Sepharose” and insert therefor --lysozyme

SEPHAROSE--.

At page 109, line 4 please delete “sepharose 4B” and insert therefor --SEPHAROSE 4B, chromatography matrix--.

03 At page 114, line 21 please delete "Taq (Cetus/Perkin Elmer)" and insert therefor --TAQ
polymerase (Cetus/Perkin Elmer, Beaconsfield, Bucks, UK)--.

At page 114, line 26 please delete "Techne" and insert therefor --TECHNE--.

At page 116, line 10 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 116, line 14 please delete "Titretek" and insert therefor --TITRETEK--.

At page 116, line 15 after "plate reader" please insert --(GenTech, Arcade, NY)--

At page 116, line 20 after "Sigma" please insert --Chemicals, Poole, Dorset, UK;--.

04 At page 118, line 25 please delete "Taq polymerase" and insert therefor --TAQ polymerase
(Cetus/Perkin Elmer, Beaconsfield, Bucks, UK)--.

At page 123, line 5 please delete "Geneclean" and insert therefor --GENECLEAN--.

At page 123, line 17 please delete "Triton X-100" and insert therefor --TRITON X-100 (non-
ionic surfactant)--.

At page 124, line 3 delete "pепette" and insert therefor --pipette--.

At page 124, line 3 please delete "pепetting" and insert therefor --pipetting--.

At page 124, line 27 please delete "Triton X-100" and insert therefor --TRITON X-100 (non-
ionic surfactant)--.

At page 125, line 3 please delete "Triton X-100" and insert therefor --TRITON X-100 (non-
ionic surfactant)--.

At page 126, line 5 please delete "Super RT" and insert therefor --SUPER RT--.

At page 128, line 2 please delete "Geneclean (see earlier)" and insert therefor --
GENECLEAN (see earlier; Bio101, La Jolla CA, USA)--.

At page 129, line 15 please delete "Geneclean" and insert therefor --GENECLEAN (Bio101,
La Jolla CA, USA)--.

At page 129, line 27 please delete "Geneclean" and insert therefor --GENECLEAN--.

At page 130, line 4 please delete "Taq" and insert therefor --TAQ--.

At page 130, line 18 please delete "Taq" and insert therefor --TAQ--.

At page 130, line 24 please delete "Taq" and insert therefor --TAQ--.

05 At page 131, line 27 please delete "Geneclean kit" and insert therefor --GENECLEAN kit
(Bio101, La Jolla CA, USA)--.

At page 134, line 18 please delete "Taq" and insert therefor --TAQ--.

At page 147, line 11 please delete "BSA-Sepharose (" and insert therefor --BSA-

SEP HAROSE (Pharmacia, Milton Keynes, Bucks, UK;--

At page 148, line 1 please delete "Sequenase kit (USB)" and insert therefor --SEQUENASE

kit (USB Corp., Cleveland, Ohio 44122, USA)--.

At page 154, line 19 please delete "protein A-Sepharose cpoupled (" and insert therefor --

protein A-SEP HAROSE (chromatography matrix) coupled (Pharmacia, Milton Keynes, Bucks, UK;--.

At page 155, line 14 please delete "phOx-BSA-Sepharose column" and insert therefor --

phOx-BSA-SEP HAROSE chromatography column (Pharmacia, Milton Keynes, Bucks, UK)--.

At page 167, line 22 please delete "Immobilon P (Millipore)" and insert therefor --

IMMOBILON P (protein transfer membrane, Millipore, Watford, Herts)--.

At page 167, line 24 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 167, line 25 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 167, line 29 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 169, line 18 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 169, line 20 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 170, line 23 please delete "Triton X-100" and insert therefor --TRITON X-100 (non-ionic surfactant)--.

At page 171, line 8 please delete "Triton X-100" and insert therefor --TRITON X-100 (non-ionic surfactant)--.

At page 171, line 27 please delete "eh" and insert therefor --the--.

At page 172, line 15 please delete "Geneclean kit" and insert therefor --GENECLEAN kit

(Bio101 La Jolla Ca., USA)--.

At page 172, line 20 please delete ""Mermaid" kit" and insert therefore --MERMAID DNA purification kit--.

At page 173, line 6 please delete "Geneclean kit" and insert therefor --GENECLEAN kit

(Bio101 La Jolla Ca., USA)--.

At page 173, line 14 please delete "Strataclean" please insert therefor --STRATACLEAN--.

At page 173, line 24 please delete "Chroma Spin" and insert therefor --CHROMASPIN--.

At page 180, line 17 after "Sigma" please insert --Chemicals, Poole, Dorset, UK;--.

At page 182, line 25 please delete "Ultrafree-MC filters, Millipore" and insert therefor --
ULTRAFREE-MC filters, Millipore, Watford, Herts)--.

At page 183, line 4 please delete "Ultrafree-MC filters, Millipore" and insert therefor --
ULTRAFREE-MC filters, Millipore, Watford, Herts)--.

At page 186, line 3 please delete "arsenate-Sepharose" and insert therefor --arsenate

D13 SEPHAROSE (Pharmacia, Milton Keynes, Bucks UK)--.

At page 186, line 5 please delete "Arsenate-Sepharose" and insert therefor --Arsenate

D14 SEPHAROSE (Pharmacia, Milton Keynes, Bucks UK)--.

At page 186, line 7 please delete "Sepharose" and insert therefor --SEPHAROSE--.

At page 186, line 23 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 186, line 28 please delete "arsenate-sepharose" and insert therefor --arsenate
SEPHAROSE--.

At page 187, line 2 please delete "arsenate-sepharose" and insert therefor --arsenate
SEPHAROSE--.

At page 196, line 29 please delete "Taq DNA polymerase" and insert therefor --TAQ DNA
polymerase (Cetus/Perkin Elmer, Beaconsfield, Bucks UK)--.

At page 197, line 11 please delete "Geneclean II kit (BIO 101 Inc.)" and insert therefor --
D15 GENECLEAN II kit (BIO 101 Inc., La Jolla, California, USA)--.

At page 197, line 12 after "Costar" please insert --Cambridge MA., USA--.

At page 198 line 1 please delete "Taq polymerase" and insert therefor --TAQ DNA
D16 polymerase (Cetus/Perkin Elmer, Beaconsfield, Bucks UK)--.

At page 198, line 19 please delete "Geneclean" and insert therefor --GENECLEAN (BIO 101
D17 Inc., La Jolla, California, USA)--.

At page 198, line 29 please delete "Taq polymerase" and insert therefor --TAQ DNA
D18 polymerase (Cetus/Perkin Elmer, Beaconsfield, Bucks UK)--.

At page 199, line 5 after "Nunc" please insert --Fisher Scientific, Leicestershire, UK--.

D19 At page 200, line 22 please delete "PBS-Tween" and insert therefor --PBS-TWEEN--.

At page 202, line 4 after "Hybridiser" please insert --(Techne, Cambridge, UK)--.

At page 202, line 10 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 204, line 14 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 211, line 3 after "unit" please insert --(Flowgen, Leicestershire, UK)--.

At page 211, line 5 please delete "NIP-BSA-Sepharose" and insert therefor --NIP-BSA-

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SEPHAROSE (Pharmacia, Milton Keynes, UK)--.

At page 217, line 3 please delete "Tween 20" and insert therefor --TWEEN 20 (neutral detergent)--.

At page 221, line 7 please delete "Taq" and insert therefor --TAQ--.

At page 221, line 26 after "column" please insert --Costar, Cambridge MA. USA--.

At page 224, line 20 please delete "Titertek" and insert therefor --TITERTEK--.

At page 225, line 17 after "Sigma" please insert --Chemicals, Poole, Dorset, UK;--.

At page 233, line 14 after "Nunc" please insert --Fisher Scientific, Leicestershire, UK--.

At page 234, line 29 after "this section" please delete ",".

At page 236, line 9 please delete "Nunc-immunotube (Maxisorp;)" and insert therefor --Nunc

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IMMUNOTUBE (Maxisorp, Fisher Scientific, Leicestershire, UK;--.

At page 236, line 20 please delete "Tween 20" and insert therefor --TWEEN 20 (neutral detergent)--.

At page 237, line 20 please delete "PBS-Tween" and insert therefor --PBS-TWEEN--.

At page 237, line 20 please delete "Tween 20" and insert therefor --TWEEN 20 (neutral detergent)--.

At page 237, line 28 please delete "Sepharose columns" and insert therefor --SEPHAROSE

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columns (Pharmacia, Milton Keynes, UK)--.

At page 238, line 4 please delete "PBS-Tween" and insert therefor --PBS-TWEEN--.

At page 238, line 5 please delete "Tween 20" and insert therefor --TWEEN 20 (neutral detergent)--.

At page 238, line 20 after "Nuncclon" please insert --Fisher Scientific, Leicestershire, UK--.

At page 240, line 9 please delete "all" and insert therefor "All".

At page 243, line 5 after "Sigma" please insert --Chemicals, Poole, Dorset, UK--.

At page 249, line 16 please delete "Sequenase sequencing kit (United States Biochemical Corporation)" and insert therefor --SEQUENASE sequencing kit (USB Corp., Cleveland, Ohio, USA)--.

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